

This vessel, built in 1908 by Messrs. Akt. Ges. Weser Bremen, is classed with the Germanischer Lloyd and is now at Southampton undergoing survey with a view to classification with this Society.

Plans of the main boilers, together with a letter from the owners (White Star Line), giving particulars of the shafting, have now been submitted for consideration.

With engines having cylinders 860 m/m x 1230 m/m x 1770 m/m x 2560 m/m diameter by 1600 m/m stroke, working pressure 15.5 kilograms per square centimetre, the sizes of shafting, viz:- crank 1000 m/m, intermediate 460 m/m, and screw shaft 500 m/m diameter, meet the requirements of the Rules if the screw shafts are fitted with a continuous liner and the diameter of the propellers do not exceed 1000 m/m, but the diameter of the thrust shafts, viz:- 465 m/m is slightly under that required for the above working pressure (16 m/m).

With reference to the boilers the scantlings as shewn on plans meet the requirements of the Rules for the original working pressure of 15.5 kilograms per square centimetre, with the exception of the furnaces, the thickness of which is slightly under that required.

It is submitted that provided the working parts of the engines be opened out and examined and found in good order and safe working condition and in accordance with the Rules; the boilers be examined throughout and the furnaces be found to shew no sign of strain; their scantlings be in accordance with the plans and the boilers be found in good order and safe working condition; the pumping arrangements be in order and in accordance with the Rules, this machinery might be accepted for the original working pressure of 15.5 kilograms per square centimetre (220 lbs per square inch) and a notation of L.M.C. (with date) without the distinguishing mark \* be assigned.

2.

The Southampton Surveyors should be advised accordingly requested to state the diameter of the propellers, whether new shaft is fitted with a continuous liner or otherwise, forward a plan of the pumping arrangements.

2 plans.

A.R.R.

H.A.G.

31.3.21.



© 2021

Lloyd's Register  
Foundation

W1248-0209 2/2